



Figure 1  
[see source]

Figure 2  
[see source for figure]

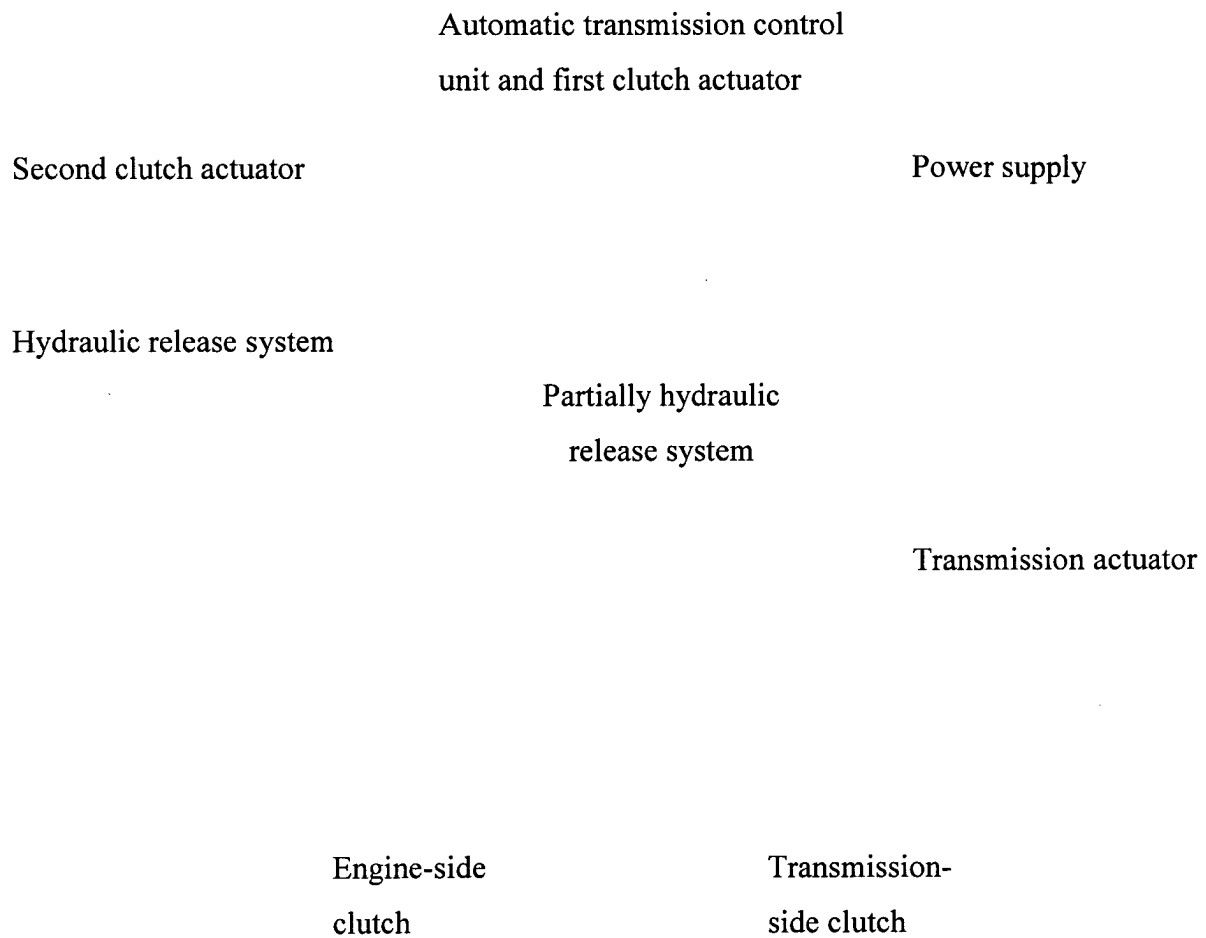
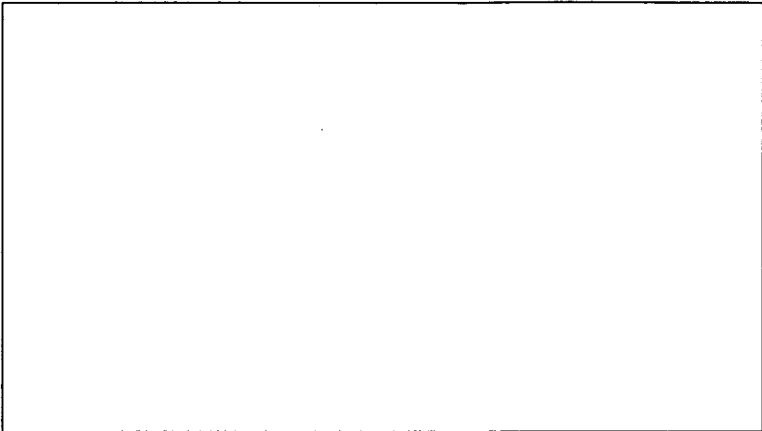


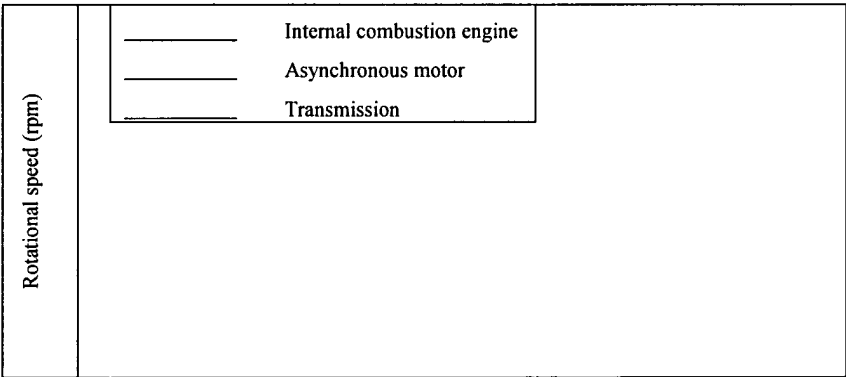
Figure 3  
[see source for figure]

Figure 4  
[see source for figures]

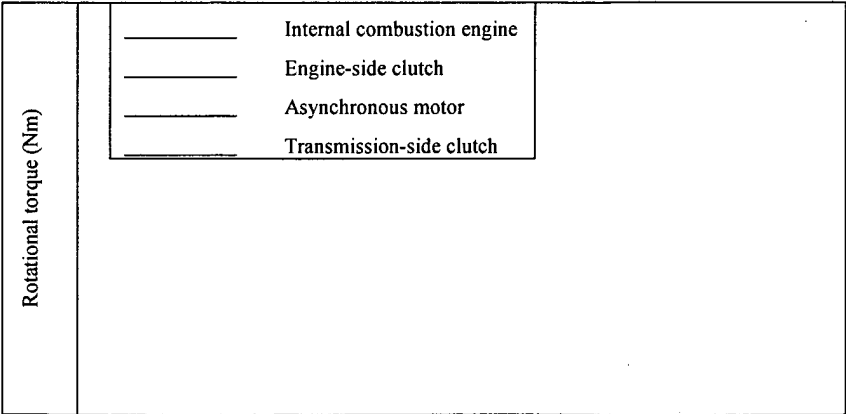
Start-up or opening up: severe jolt



Time (s)



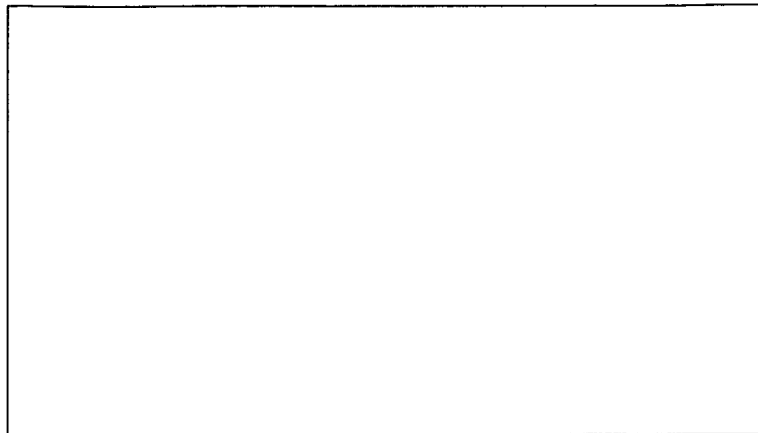
Time (s)



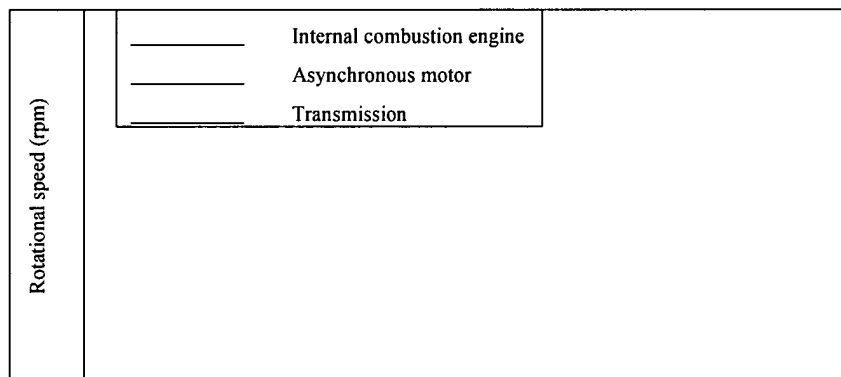
Time (s)

Figure 5  
[see source for figures]

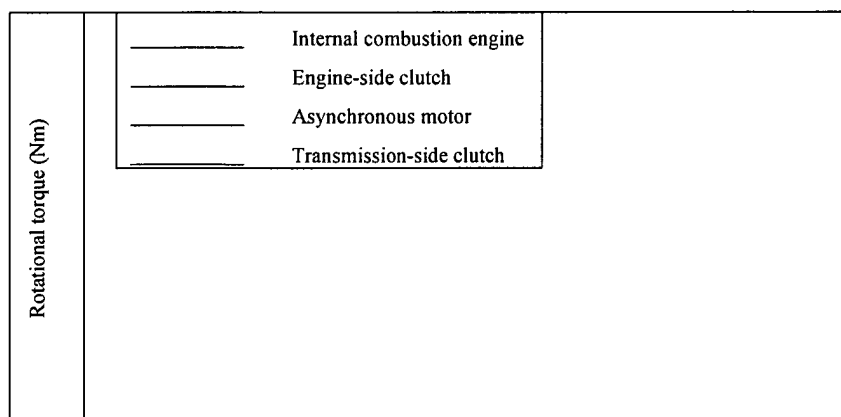
Start-up or opening up: severe jolt



Time (s)



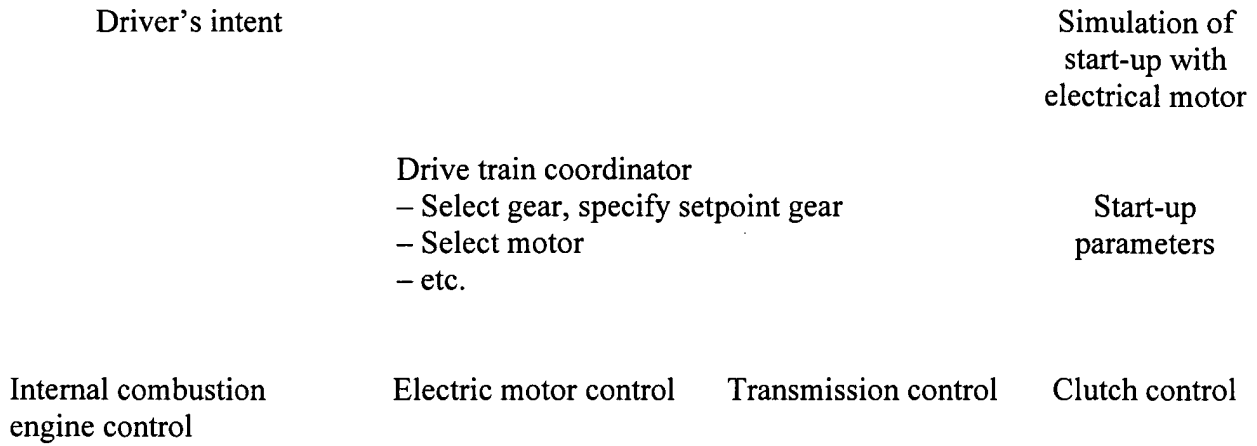
Time (s)



Time (s)

Figure 6

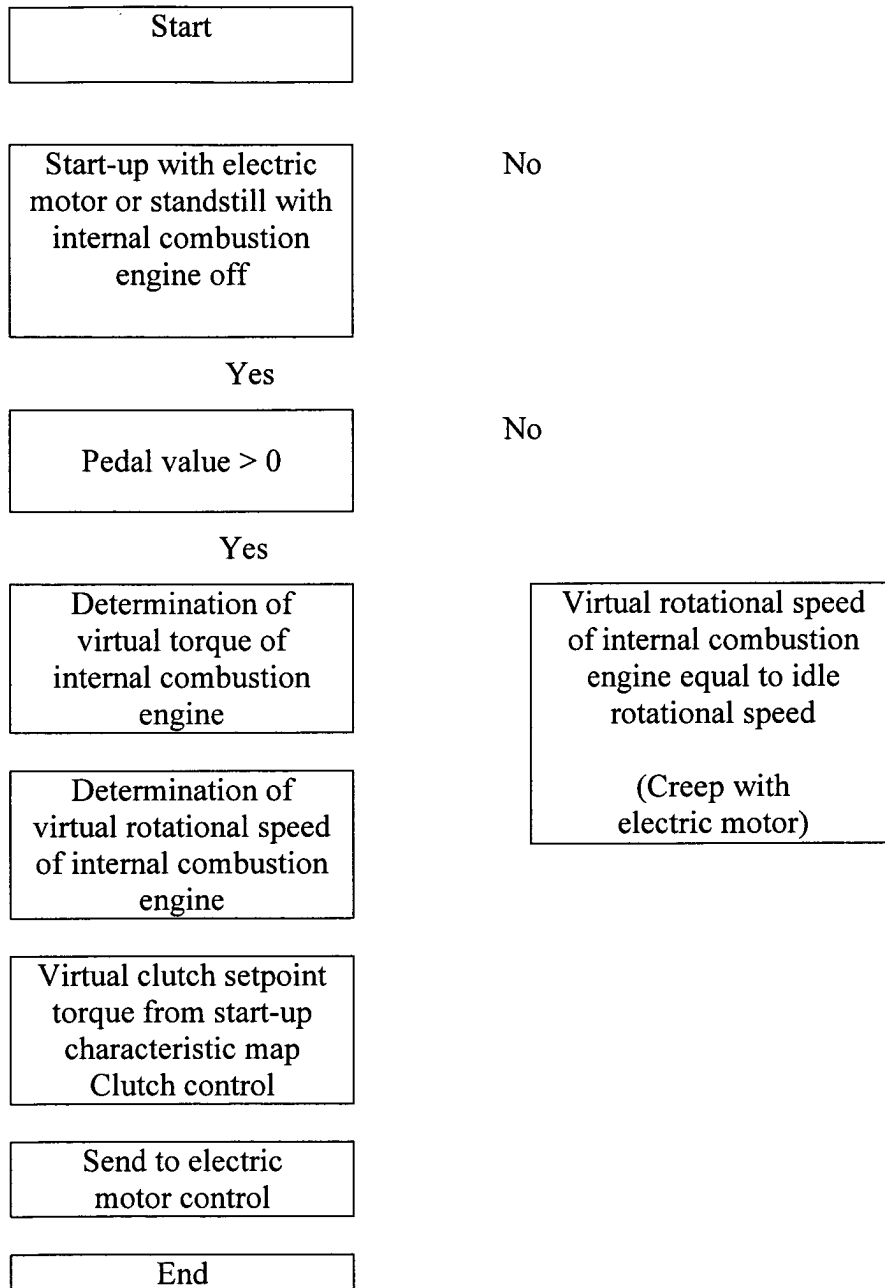
[see source for figure]



*Control system subprograms relevant to start-up*

Figure 7

[see source for figure]



*Program sequence for computing electric motor start-up torque*